

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: alpha/beta Thujone mixture
CAS Number: 76231-76-0

Date Report Requested: 10/20/2014
Time Report Requested: 16:57:46
First Dose M/F: NA / NA
Lab: MBA

C Number: C99037
Lock Date: 01/24/2002
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date NONE

Experiment Number: 99037-97

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Route: GAVAGE

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Lab: MBA

**B6C3F1 Mouse Male
VEHICLE CONTROL**

DAY ON TEST	0	0	0	0	
	0	0	0	0	
	1	1	1	1	
	7	7	7	7	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	1	2	3	4	*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

Brain, Entorhinal Cortex + + + + 4

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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**B6C3F1 Mouse Male
VEHICLE CONTROL**

	DAY ON TEST				
	0	0	0	0	
	0	0	0	0	
	1	1	1	1	
	7	7	7	7	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	1	2	3	4	*TOTALS
Brain, Hippocampus	+	+	+	+	4
Brain, Piriform Cortex	+	+	+	+	4
Peripheral Nerve, Sciatic	+	+	+	+	4
Peripheral Nerve, Tibial	+	+	+	+	4
Spinal Cord, Cervical	+	+	+	+	4
Spinal Cord, Lumbar	+	+	+	+	4

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male
1.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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1.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male
3.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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3.0 MG/KG

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*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male
10.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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Date Report Requested: 10/20/2014
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 First Dose M/F: NA / NA
 Lab: MBA

B6C3F1 Mouse Male
30.0 MG/KG

DAY ON TEST	0	0	0	0	
	0	0	0	0	
	1	1	1	1	
	7	7	7	7	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	3	3	3	3	
	3	4	5	6	*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

Brain, Entorhinal Cortex + + + + 4

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
30.0 MG/KG

	DAY ON TEST				
	0	0	0	0	
	0	0	0	0	
	1	1	1	1	
	7	7	7	7	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	3	3	3	3	
	3	4	5	6	
		*TOTALS			
Brain, Hippocampus	+	+	+	+	4
Brain, Piriform Cortex	+	+	+	+	4
Peripheral Nerve, Sciatic	+	+	+	+	4
Peripheral Nerve, Tibial	+	+	+	+	4
Spinal Cord, Cervical	+	+	+	+	4
Spinal Cord, Lumbar	+	+	+	+	4

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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CAS Number: 76231-76-0

Date Report Requested: 10/20/2014

Time Report Requested: 16:57:46

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
100 MG/KG

DAY ON TEST	0	0	0	0
	0	0	0	0
	0	0	1	0
	8	8	7	9
ANIMAL ID	0	0	0	0
	0	0	0	0
	0	0	0	0
	4	4	4	4
	1	2	3	4

*TOTALS

Alimentary System

Esophagus	+	+	+	3
Gallbladder	+	+	+	3
Intestine Large, Cecum	+	A	+	2
Intestine Large, Colon	+	+	+	3
Intestine Large, Rectum	+	+	+	3
Intestine Small, Duodenum	+	A	+	2
Intestine Small, Ileum	+	A	+	2
Intestine Small, Jejunum	+	A	A	1
Liver	+	+	+	3
Pancreas	+	+	+	3
Salivary Glands	+	+	+	3
Stomach, Forestomach	+	+	+	3
Stomach, Glandular	+	+	A	2

Cardiovascular System

Blood Vessel	+	+	+	3
Heart	+	+	+	3

Endocrine System

Adrenal Cortex	+	+	+	3
Adrenal Medulla	+	+	+	3
Islets, Pancreatic	+	+	+	3

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
100 MG/KG

DAY ON TEST	0	0	0	0	
	0	0	0	0	
	0	0	1	0	
	8	8	7	9	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	4	4	4	4	
	1	2	3	4	*TOTALS

Parathyroid Gland	M	+	M	1
Pituitary Gland	+	+	I	2
Thyroid Gland	+	+	+	3
General Body System				
NONE				
Genital System				
Epididymis	+	+	+	3
Preputial Gland	+	+	+	3
Prostate	+	+	+	3
Seminal Vesicle	+	+	+	3
Testes	+	+	+	3
Hematopoietic System				
Bone Marrow	+	+	+	3
Lymph Node, Mandibular	+	+	+	3
Lymph Node, Mesenteric	+	+	+	3
Spleen	+	+	+	3
Thymus	+	+	+	3
Integumentary System				
Mammary Gland	M	M	M	0
Skin	+	+	+	3

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
100 MG/KG

DAY ON TEST	0	0	0	0	
	0	0	0	0	
	0	0	1	0	
	8	8	7	9	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	4	4	4	4	
	1	2	3	4	*TOTALS

Musculoskeletal System

Bone	+	+		+	3
Skeletal Muscle	+	+		+	3

Nervous System

Brain, Entorhinal Cortex				+	1
Brain, Hippocampus				+	1
Brain, NOS	+	+		+	3
Brain, Piriform Cortex				+	1
Peripheral Nerve, Sciatic	+	+	+	+	4
Peripheral Nerve, Tibial				+	1
Spinal Cord, Cervical	+	+	+	+	4
Spinal Cord, Lumbar	+	+	+	+	4

Respiratory System

Larynx	+				1
Lung	+	+		+	3
Nose	+	+		+	3
Trachea	+	+		+	3

Special Senses System

Eye	+	+		+	3
Harderian Gland	+	+		+	3

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B6C3F1 Mouse Male
100 MG/KG

DAY ON TEST	0	0	0	0
	0	0	0	0
	0	0	1	0
	8	8	7	9
ANIMAL ID	0	0	0	0
	0	0	0	0
	0	0	0	0
	4	4	4	4
	1	2	3	4

*TOTALS

Urinary System

Kidney	+	+	+	3
Urinary Bladder	+	+	1	2

END OF MALE DATA

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Lab: MBA

B6C3F1 Mouse Female	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		1	1	1	1	
		7	7	7	7	
VEHICLE CONTROL	ANIMAL ID	0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		5	6	7	8	
					*TOTALS	

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

Brain, Entorhinal Cortex + + + + 4

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B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	
		0	0	0	0	
		1	1	1	1	
		7	7	7	7	
		0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		5	6	7	8	
Brain, Hippocampus		+	+	+	+	4
Brain, Piriform Cortex		+	+	+	+	4
Peripheral Nerve, Sciatic		+	+	+	+	4
Peripheral Nerve, Tibial		+	+	+	+	4
Spinal Cord, Cervical		+	+	+	+	4
Spinal Cord, Lumbar		+	+	+	+	4
Respiratory System						
NONE						
Special Senses System						
NONE						
Urinary System						
NONE						

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Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female

1.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female

1.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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B6C3F1 Mouse Female
3.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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CAS Number: 76231-76-0

Date Report Requested: 10/20/2014
Time Report Requested: 16:57:46
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female
3.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: alpha/beta Thujone mixture
CAS Number: 76231-76-0

Date Report Requested: 10/20/2014
Time Report Requested: 16:57:46
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female
10.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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DAY ON TEST

B6C3F1 Mouse Female
10.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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 Test Type: 14-DAY
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Thujone mixture
 CAS Number: 76231-76-0

Date Report Requested: 10/20/2014
 Time Report Requested: 16:57:46
 First Dose M/F: NA / NA
 Lab: MBA

B6C3F1 Mouse Female 30.0 MG/KG	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		1	1	1	1	
		7	7	7	7	
	ANIMAL ID	0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		3	3	3	4	
		7	8	9	0	*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

Brain, Entorhinal Cortex + + + + 4

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Species/Strain: Mouse/B6C3F1

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Test Compound: alpha/beta Thujone mixture

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Date Report Requested: 10/20/2014

Time Report Requested: 16:57:46

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female 30.0 MG/KG	DAY ON TEST	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	
		0	0	0	0	
		1	1	1	1	
		7	7	7	7	
		0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		3	3	3	4	
		7	8	9	0	
Brain, Hippocampus		+	+	+	+	4
Brain, Piriform Cortex		+	+	+	+	4
Peripheral Nerve, Sciatic		+	+	+	+	4
Peripheral Nerve, Tibial		+	+	+	+	4
Spinal Cord, Cervical		+	+	+	+	4
Spinal Cord, Lumbar		+	+	+	+	4
Respiratory System						
NONE						
Special Senses System						
NONE						
Urinary System						
NONE						

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Experiment Number: 99037-97

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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Time Report Requested: 16:57:46

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		0	0	1	1	
		5	9	7	0	
	ANIMAL ID	0	0	0	0	
	0	0	0	0		
	0	0	0	0		
	4	4	4	4		
	5	6	7	8	*TOTALS	

Alimentary System

Esophagus	A	+	+	2
Gallbladder	A	+	+	2
Intestine Large, Cecum	A	+	+	2
Intestine Large, Colon	A	+	+	2
Intestine Large, Rectum	A	+	+	2
Intestine Small, Duodenum	A	+	+	2
Intestine Small, Ileum	A	+	+	2
Intestine Small, Jejunum	A	A	+	1
Liver	A	+	+	2
Pancreas	A	+	+	2
Salivary Glands	A	+	+	2
Stomach, Forestomach	A	+	+	2
Stomach, Glandular	A	A	+	1

Cardiovascular System

Blood Vessel	A	+	+	2
Heart	A	+	+	2

Endocrine System

Adrenal Cortex	A	+	+	2
Subcapsular, Hyperplasia, Focal			1	1 1.0
Adrenal Medulla	A	+	+	2

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Species/Strain: Mouse/B6C3F1

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Date Report Requested: 10/20/2014

Time Report Requested: 16:57:46

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST				ANIMAL ID	
	0	0	0	0		
	0	0	0	0		
	0	0	1	1		
	5	9	7	0		
	0	0	0	0		
	0	0	0	0		
	4	4	4	4		
	5	6	7	8		*TOTALS
Islets, Pancreatic	A	+		+		2
Parathyroid Gland	A	M		M		0
Pituitary Gland	A	+		I		1
Thyroid Gland	A	+		+		2
General Body System						
NONE						
Genital System						
Clitoral Gland	A	+		M		1
Ovary	A	+		+		2
Uterus	A	+		+		2
Hematopoietic System						
Bone Marrow	A	+		+		2
Lymph Node, Mandibular	A	+		+		2
Lymph Node, Mesenteric	A	+		+		2
Spleen	M	+		+		2
Thymus	A	+		+		2
Integumentary System						
Mammary Gland	A	M		+		1
Skin	A	+				1
Musculoskeletal System						

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X ..Lesion present

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Experiment Number: 99037-97

Test Type: 14-DAY

Route: GAVAGE

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST				*TOTALS
	0	0	0	0	
ANIMAL ID	0	0	1	1	
	5	9	7	0	
	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	4	4	4	4	
	5	6	7	8	
Bone	+	+		+	3
Skeletal Muscle	A	+		+	2
Nervous System					
Brain, Entorhinal Cortex			+		1
Brain, Hippocampus			+		1
Brain, NOS	A	+		+	2
Brain, Piriform Cortex			+		1
Peripheral Nerve, Sciatic	A	+	+	+	3
Peripheral Nerve, Tibial			+		1
Spinal Cord, Cervical	A	+	+	+	3
Spinal Cord, Lumbar	A	+	+	+	3
Respiratory System					
Larynx	A	I		I	0
Lung	A	+		A	1
Nose	A	+		+	2
Trachea	A	+		+	2
Special Senses System					
Eye	A	+		+	2
Harderian Gland	A	+		+	2
Urinary System					
Kidney	A	+		+	2

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Test Type: 14-DAY
Route: GAVAGE
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: alpha/beta Thujone mixture
CAS Number: 76231-76-0

Date Report Requested: 10/20/2014
Time Report Requested: 16:57:47
First Dose M/F: NA / NA
Lab: MBA

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		0	0	1	1	
		5	9	7	0	
	ANIMAL ID	0	0	0	0	
	0	0	0	0		
	0	0	0	0		
	4	4	4	4		
	5	6	7	8		
					*TOTALS	
Urinary Bladder	A	+	+		2	

**** END OF REPORT ****

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